



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

64 No. Main Street, P.O. Box 2008, Concord, NH 03302-2008
(603) 271-3406 FAX (603) 271-7894



Mr. Skip Grady
Town of Durham
Public Works Dept.
100 Stone Quarry Drive
Durham, NH 03824

March 4, 1999
Letter of Deficiency
DAM # 071.03

RE: Oyster River Dam, Durham

Dear Mr. Grady:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. The DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on July 29, 1998. During this visual inspection and/or file review, the following deficiencies were observed:

- 1 There was no operation and maintenance procedure plan on file with the DES;

There was deteriorated concrete along the base of the abutment wall of the gate structure (right abutment spillway wall) and at the base of the eight concrete piers supporting the concrete spillway slab; and

- 3 Minor seepage was evident at the corner of the right masonry abutment wall. This wet area has been noted during past inspections.

The DES believes that the above deficiencies can be corrected by performing the following items by the indicated dates:

By ~~February 15, 1999~~ ^{MAY 15} OK per 6ed

1. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. A guideline for completing this document has been enclosed;

By November 1, 1999:

2. Repair deteriorated concrete along the base of the abutment wall of the gate structure (right abutment spillway wall) and at the base of the eight concrete piers supporting the concrete spillway slab; and

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On a continuing basis:

3. Monitor the minor seepage which is evident at the corner of the right masonry abutment wall.

The DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,


Grace E. Levergood, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB13
cc: . Gretchen Rule

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